

Relationship Between the Structure of Explosives
and Their Combustion Rates, by A. E. Fegat'man.
RUSSIAN, part, Dokl. Akad. Nauk SSSR, Ser. Khim.,
Vol 192, No 6, June 1970, pp 1312-1315.
CB

Jan 71

Classification of Volcanic Activity in Paleovolcanic Regions, as illustrated by the Central Tsal Grometene Field, by Ye. S. Karstina,
IZMIRAN, par. Vol. 12, 1970, Vol 12,
No 6, 1970, pp 1127-1130.
MI

June 71

Selection of a Universal Gravity Anomaly for
Geologic Interpretation of Small-Scale Gravimeter
Surveys, by V. A. Matinsky.
JOURNAL, part, Earth and Planetary Science, Vol 102,
No 6, 1970, pp 1331-1334.
ABSTRACT

June 71

Silurian Outcrops in the South Baltic
Region and Their Correlation with,
A. A. Frankovich.
IZVESTIA, part, Vol. 192, No 6, 1970, pp 1335-1338.
MI

June 71

Stenographic Position of the February Courtship,
Eastern Herald, by V. I. Robinson,
MONTANA, par, ~~Ed. & Mont. Hist. Soc. Bull.~~ Vol 192,
No 6, 1970, pp 137-141,
AK

June 71

Effect of Chemical Composition on the Unit-Cell
Parameters of Pyromorphite as a Function of the
Energy of the Elements, by I. V. Gerasimov.
RUSSIAN, paper, ~~Engl. transl.~~ ~~Engl. transl.~~ ~~Engl. transl.~~ Vol 192,
No 6, 1970, pp 1342-1345.
AK

June 71

"Mineralized Bacteria" in Ocean Core, by
N. S. Shripchenko.
RUSSIAN, part, ~~Eng. & Tech. 1970~~ ~~Eng. & Tech.~~ Vol 192,
No 6, 1970, pp 1205-1208.
MII

June 71

Old time forest - Grove Records: Aerials from
Isolation Island, by E. V. Schuler,
BUREAU, part, ~~Vol. 192~~, ~~Vol. 192~~, Vol. 192,
No 6, 1970, pp 135-138.

ME

NASA TT F-13, 819

NTC 72-10699-20L

June 71

Relationship Between Fish and Communist Content of
Coast and Its Genetic Significance, by

L. A. Adnani.

RUSSIAN, part, Rev. St. Mark. Rev. St. Mark. Rev. St. Mark. Vol 192,
No 6, 1970, pp 133-135.

MI

June 71

Distribution of Strontium in Ophiolites of the
Seyra-Bafra Region, by C. H. Gilmannov.
RUSSIAN, per, ~~Eng. & Tech. Ser.~~ Eng. Ser. Vol 192,
No 6, 1970, pp 1356-1359.
AKH

June 71

Classification of Psychophysiological Characteristics Based on the Interrelationship of Behavioral, Electrocardiac, and Electrooculogram Indices,
by A. A. Gensin.

RUSSIAN, per, Dok Ak Nauk SSSR, Biophy.,
Vol 192, No 6, June 1970, pp 1363-1366.
CB

Jan 71

Modification of Lethal Effect of Irradiation by
Chemical Compounds in Case of Cells Cultivated
Outside the Organism, by V. Ya. Gotlib.
RUSSIAN, per, Dok Ak Nauk SSSR, Biokhimiya,
Vol 192, No 6, June 1970, pp 1367-1370.
CB

Jan 71

Effect of Plant Hormones on the Course of Nucleic
Acid Metabolism in the Developing Ear of Irra-
diated Barley Plants, by N. N. Zabolotskii.

RUSSIAN, per, Det Ak Mosk SSSR, Biokhimi.

Vol 192, No 6, June 1970, pp 1371-1373.

CS

Jan 71

Localization of Polyphenol Oxidase in the Tea Leaf,
by M. A. Babushkina.

~~RUSSIAN~~, ~~per, Dokl. Ak. Nauk SSSR, Moscow~~, Vol 192,
No 6, June 1970, pp 1314-1315.

CS

Jan 71

Effects of Inhibitors on the Soluble Overall
Protein Complex and on the Isocyanases of Chloralla,
by V. V. Pincovich.

~~RUSSIAN~~, per, ~~Int. J. High. Res. Microb.~~, Vol 192,
No 6, June 1970, pp 1375-1379.

CB

Jan 71

Effect of the Physiological State of Fruits on the
Properties of Polyphenol Oxidase Present in the
Chloroplasts, by E. G. Sol'tova.
RUSSIAN, per, ~~Bot. Zh.~~ ~~1970~~, ~~55~~, Moscow, Vol 192,
No 6, June 1970, pp 1300-1303.
CB

Jan 71

Effect of Increasing Water Deficit on Respiratory
Metabolism in Plants, by L. K. Gordon.
RUSSIAN, per, Dok Ak. Nauk SSSR, Dok. Sci., Vol 192,
No 6, June 1970, pp 1304-1306.
CB

Jan 71

Bank Carbon Dioxide Fixation and Photorespiration,
by P. S. Munkhov,
RUSSIAN, per, Dok Ak Nauk SSSR, Bot Ser, Vol 192,
No 6, June 1970, pp 1367-1390.
CB

Jan 71

Interdependence of Water Regime and Leaf Temperature in Fine-Staple Cotton, by H. S. Potinov.
RUSSIAN, per, ~~Bot. Zh. Mosk. 1970~~ Bot. Sci, Vol 192,
No 6, June 1970, pp 1391-1394.
CB

Jan 71

Effect of Salting on Initial Stages of Nitrogen
Metabolism in Plants, by G. V. Masvenko.
RUSSIAN, per, ~~Bot. Zh.~~ Bot. Sci., Vol 192,
No 6, June 1970, pp 1395-1397.
CB

Jan 71

On Spectral Decompositions Corresponding to an
Arbitrary Nonnegative Selfadjoint Extension of
the Laplace Operator, by S. A. Alimov.
RUSSIAN, per, Dokl Akad Nauk SSSR, Sov Math,
Vol 193, No 1, 1970, pp 9-12.
The Am Math Soc
Vol 11, No 4, Jul-Aug 1970

Jan 71

**Extended Hermite-Fourier Interpolation Processes
Diverging Everywhere, by D. L. Barua.**
RUSSIAN, per, Dok Ak Nauk SSSR, Sov Math,
Vol 13, No 1, 1970, pp 13-16.
The Am Math Soc
Vol 11, No 4, Jul-Aug 1970

Jan 71

Solution of an Anticonvex Equation with
Periodic Coefficients, by V. I. Dergasov.
RUSSIAN, per. Dokl. Ak. Nauk SSSR, Sov. Math.
Vol 193, No 1, 1970, pp 17-20.
The Am Math Soc
Vol 11, No 4, Jul-Aug 1970

Jan 71

On the Oscillation of Solutions of Vector
Differential Equations, by Ya. I. Dem'yanov.
RUSSIAN, per, Dokl Akad Nauk SSSR, Sov Math,
Vol 193, No 1, 1970, pp 21-23.
The Am Math Soc
Vol 11, No 4, Jul-Aug 1970

Jan 71

On the Uniqueness of a Solution of the Cauchy
Problem for General Linear Equations, by
N. Ya. Izhevskii.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Math,
Vol 13, No 1, 1970, pp 24-27.

The Am Math Soc

Vol 11, No 4, Jul-Aug 1970

Jan 71

On the Asymptotic Behavior of the Solution of a
Problem with Initial Salts for a System of
Quasi-Linear Equations with Common Principal
Part, Containing a Small Parameter, by
K. A. Kasymov.

RUSSIAN, per, Dokl. Akad. Nauk, Sov. Math.,
Vol 193, No 1, 1970, pp 28-31.

The Am Math Soc
Vol 11, No 4, Jul-Aug 1970

Jan 71

**Theorem of Paragon-Lindelof Type for Solutions
of Elliptic Equations of High Order, by
Ye. M. Landis.**

**RUSSIAN, per, Dok Ak Nauk SSSR, Sov Math,
Vol 193, No 1, 1970, pp 32-35.**

The Am Math Soc

Vol 11, No 4, Jul-Aug 1970

Jan 71

Scattering Theory and "nonphysical Sheet" for
a System of Ordinary Differential Equations,
by B. S. Pavlov.

RUSSIAN, per, Mat. Ak. Nauk SSSR, Sov Math,
Vol 193, No 1, 1970, pp 36-39.

The Am Math Soc

Vol 11, No 4, Jul-Aug 1970

Jan 71

Asymptotic Error Formulas for Solutions of
Systems of Ordinary Differential Equations
by Functional Numerical Methods, by

Yu. V. Zakitskiy.

RUSSIAN, per. Dokl. Akad. Nauk SSSR, Sov. Math.
Vol 193, No 1, 1970, pp 40-42.

The Am Math Soc

Vol 11, No 4, Jul-Aug 1970

Jan 71

Incorrectly Posed Problems and the Geometry
of Banach Spaces, by V. P. Yampin,
RUSSIAN, per. Engl. Ab. Math. Sci., Sov. Math.
Vol 193, No 1, 1970, pp 42-45.
The Am. Math. Soc.
Vol 11, No 4, Jul-Aug 1970

Jan 71

Generalization of Ljapunov's Second Method and
the Investigation of Some Resonance Problems,
by M. M. Nazarov.

RUSSIAN, per. Eng. Ab. Engl. USSR, Sov. Math.
Vol 193, No 1, 1970, pp 46-49.

The Am Math Soc

Vol 11, No 4, Jul-Aug 1970

Jan 71

Generation of Periodic Motions from the
Equilibrium State, by G. Ya. Sotnikov.
RUSSIAN, per, Mat Akh 3322, Sov Math,
Vol 193, No 1, 1970, pp 50-52.
The Am Math Soc
Vol 11, No 4, Jul-Aug 1970

Jan 71

Species Induced by Confrontations, by I. V. Sragin.

~~RUSSIAN~~, par. ~~Engl. Ab. Eng. SER~~, Sov Math.

Vol 193, No 1, 1970, pp 33-34.

The Am Math Soc

Vol 11, No 4, Jul-Aug 1970

Jan 71

**Solution of an Algebraic Problem Encountered
in Control Theory, by V. A. Jakubovic.**

RUSSIAN, FOR: Pub in Engl 8222, Sov Math.

Vol 193, No 1, 1970, pp 57-60.

The Am Math Soc

Vol 11, No 4, Jul-Aug 1970

Jan 71

A Representation of the Boltzmann Equation, by
J.A. Hader.

IKHISTAN, per, Dok Ak Bank USSR, Sov Phys., Vol 193,
No 1, July, 1970, pp 61-64.

Am East of Phys
Vol 15, No. 7, Jan 1971

Jan 71

Temperature Dependence of Stimulated and Unstimulated
Current in Polycrystalline GaSe AT 77-273°K, by
Academician A.G. Sol'dan.

RUSSIAN, per Dok Ak Nauk SSSR, Sov Phys., Vol 193,
No 1, July 1970, pp. 65-68.

An Inst of Phys

Vol 15, No 7, Jan 1971

*Laser Operating on a Solution of Hexamine 6J, with
Enhanced Spectral Intensity and Tunable Frequency,
by V.I. Kravchenko.*

*POBETAN, per, Dok Ak Nauk SSSR, Ser Phys., Vol 193,
No.1, July 1970, pp.69-71.*

An Inst of Phys

Vol 15, No 7, Jan 1971

Jan 71

The One Principle Underlying Classical Physics,
by Yu. I. Kulakov

RUSSIAN, per, Dokl Ak Nauk SSSR, Sov Phys., Vol 193,
No 1, July 1970, pp. 72-75.

Am Inst of Phys
Vol 15, No 7, Jan 1971

Jan 71

Determination of the Surface Energy of Naphthalene
Crystals by the Cleavage Method, by A.G. Shvartsov.
RUSSIAN, per, Russ Ak Nauk SSSR, Sov Phys., Vol 193,
No.1, July 1970, pp.76-79.

An Inst of Phys
Vol 15, No 7, Jan 1971

Jan 71

Airborne Gravimeter Test Measurements Over
the Caspian Sea, by A. M. Lozinakaya.
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci.
Vol 193, No 1, 1970, pp 80-82.
AGI

Aug 71

A New Form of the Scheelite Structural Type: Crystal
Structure of Ba_2WO_6 , by T.M. Polyanskaya.
RUSSIAN, per, ~~ISSN 0013-788X~~ Sov Phys. Vol 193,
No.1, July 1970, pp. 83-86.
kAm Inst of Phys
Vol 15, No 7, Jan 1971

Jan 71

Apatite-like Phases in $\text{NaO-Na}_2\text{O-SiO}_2$ Systems (Where
 Na^+ , Ca^{2+} , Sr^{2+}) and their Infrared Spectra, by A.M.
Shvyakov.

RUSSIAN, per, Dokl Akad Nauk SSSR, Sov Phys., Vol. 193,
No. 1, July 1970, pp. 87-89.

Am Inst of Phys

Vol 15, No 7, Jan 1971.

Jan 71

Localization of the Potential in the System
Metal/Oxide/Electrolyte, by A. D. Arinov.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem, Vol 193,
No 1, July 1970, pp 116-118.
CB

Mar 71

The Inertness of Adsorbents, by B. P. Bering.
RUSSIAN, per, ~~Det Ak Mosk 2232, Five Stars~~, Vol 193,
No 1, July 1970, pp 119-122.
CB

mar 71

Determination of the Destruction Probability of
HO₂ Radicals on Different Surfaces and the Rate
Constants of the Reaction $\text{HO}_2 + \text{CH}_2\text{O} = \text{H}_2\text{O}_2 + \text{HCO}$,

by I. A. Vardanyan.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem.,
Vol 193, No 1, Nov 1970, pp 123-125.

CB

mar 71

The Dielectric Constant of Intracrystalline Films
of Water in Swollen H₂-Montmorillonite. First
Region of Swelling, by B. V. Derjagin.
Zhurnal, per, Fiz. Khim. 46, 1970, No. 1, pp 125-128.
Vol 193, No 1, July 1970, pp 125-128.

CB

NTC 71-14705-086

mar 71

Virtual (Tunnel) Chemical Bonds, by S. P. Ivanov.
RUSSIAN, per, ~~Int Ak Nauk SSSR, Russ. Chem.~~
Vol 193, No 1, July 1970, pp 129-131.
CB

MAR 71

Use of a Paramagnetic Probe for Investigating the
Threading out of Segmental Motions in Polymers, by
A. L. Kovstakii.

RUSSIAN, per, Zh. Khim. Fiz., 1970, 48, 1,
Vol 193, No 1, July 1970, pp 112-114.

CB

mar 71

**Study of Elastic Deformations of Macromolecules
During the Contraction of Uniaxially Stretched
Polymers, by G. A. Patrashov.**

**RUSSIAN, per. Dokl. Ak. Nauk SSSR, Phys. Chem.,
Vol 193, No 1, July 1970, pp 135-136.**

CB

mar 71

Use of Numerical Methods for Calculating Mixing
Functions For Associated Solutions (Lattice Model),
by N. A. Smirnova.
RUSSIAN, per, Dok Ak Nauk SSSR, Fiz. Khim.,
Vol 193, No 1, July 1970, pp 139-142.
CB

mar 71

The Generation of Benthic Colonies in Ag-Cu
Alloys, by Th. H. Tamm.

~~WISCONSIN, 1967, Vol. 12, No. 1, pp. 143-146.~~
Vol 193, No 1, July 1970, pp 143-146.

CS

mar 71

**Mutual Limited Solubility in Three-Component Sys-
tems, by D. S. Tarkenton.**

RESEARCH, per, ~~Ref. to Ref. 1970~~, ~~Page 1~~, ~~Chem.~~

Vol 193, No 1, July 1970, pp 147-150.

CB

max 71

Conjugated Hydrogenolysis of Toluene to
Benzene, by H. P. Naglov.
RUSSIAN, per, Dok Ak Nauk SSSR, Chem Tech,
Vol 193, No 1, Jul 70, pp 151-153.
CB

Upper Cambrian and Lower Ordovician of
the Orsk District of the Urals, by
N. Ya. Antsygin.
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci,
Vol 193, No 1, 1970, pp 155-156.
AGI

Aug 71

Types of Polymetal Deposits in Rudnyy Altai,
by D. I. Gorshovskiy.
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci,
Vol 193, No 1, 1970, pp 159-162.
ACI

Aug 71

Contacts Between Ultramafic Bodies of the
Dunite-Harzburgite Association, by
S. V. Moskalova.
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci,
Vol 193, No 1, 1970, pp 163-166.
AGI

Aug 71

Mineralogy and Crystal Chemistry of Some
Tantaloniobates, by N. V. Maksimova.
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci,
Vol 193, No 1, 1970, pp 167-170.
AGI

Garnets in Late Mesozoic Extrusives of the
Budzhal'skiy Range (Khabarovsk Kray), by
V. G. Saldino.
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci,
Vol 193, No 1, 1970, pp 171-172.
ACI

Aug 71

Chromium and Titanium in Garnets From
Yakutian Kimberlite, by A. D. Khar'kiv.
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci,
Vol 193, No 1, 1970, pp 175-176.
AGI

Aug 71

Dolerite, Brine, Iron, by D. I. Pavlov.
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci,
Vol 193, No 1, 1970, pp 17-180.
AGI

Aug 71

Study of the Spatial Distribution of
Uranium in Basalt, Alkalie Trachytic
Ignimbrite and Syenite by f-Radiography,
by I. G. Borzina.
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci.
Vol 193, No 1, 1970, pp 181-183.
AGI

Aug 71

Zirconium in Recent Black Sea Sediments,
by N. A. Glagoleva.
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci,
Vol 193, No 1, 1970, pp 184-187.
AGI

Aug 71

Geothermal Zoning of the Composition of
Oil in Eastern Ciscaucasia, by
F. A. Malarenko.
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci,
Vol 193, No 1, 1970, pp 188-191.
AGI

Aug 71

The Classification of Early and Middle
Mesozoic Corals (Scleractinians), by
Ye. V. Krasnov.
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci,
Vol 193, No 1, 1970, pp 192-195.
AGI

Aug 71

Eokirkidium, A New Genus of the Silurian Pentameracea
(Brachiopoda), by A. N. Khodalevich.
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci., Vol 193,
No 1, 1970, pp 196-198.
AGI

Aug 71

The Interaction of Complementary Maltose Genes in
Saccharomyces Hybrids, by G. I. Enomov.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 193,
No 1, July 1970, pp 203-206.
CB

March 71

Chromosomal Aberrations and Radiation Death of
Mammalian Somatic Cells, by H. I. Shapiro.
RUSSIAN, par. Dok Ak. Nauk SSSR. Biol. Sci., Vol 193,
No 1, July 1970, pp 207-210.
CB

March 71

Identification of Messenger RNA of Newcastle
Disease Virus, by Academician V. N. Zhdanov.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 193,
No 1, July 1970, pp 211-214.
CB

March 71

Methylation of DNA and Induction of Pyocin in
Pseudomonas aeruginosa M. Cell, by B.F. Vanyushin.
RUSSIAN, per, Dok Ak Nauk SSSR, Moscow., Vol 193,
No 1, July, 1970, pp 215-218.
CB

Feb 71

Preparation and Properties of L-Glutamate Dehydratase
of *Aerobacter Walsbyi*, by V.L. Kretovich.
RUSSEAN, per, Doi Ak Mark 6000, Moscow., Vol 193,
No 1, July, 1970, pp 219-222.
CB

Feb 71

Properties of the Lipoproteins of the Intracellular
Membranes of the Blue-Green Alga *Anacystis nidulans*,
by A.I. Oparin.

RUSSIAN, per, Bk Ak Nauk SSSR, Biochem., Vol 193,
No 1, July, 1970, pp 283-285.

CB

Feb 71

Phenylalanine Accumulation and Accumulation of
Soluble Phenolic Compounds in Mature Cells of Corn
Roots and Coleoptiles, by E.E. David.
RUSCHMAN, per, Est. in Plant 1970, Kochan., Vol 193,
No 1, July, 1970, pp 227-230.
CB

Feb 71

Aftereffect of Reduced Temperature on the
Content of Carotenoids and Chlorophyll in
the Leaf, by V. S. Saakov.
RUSSIAN, per, Dok Ak Nauk SSSR, Bot Sci,
Vol 193, No 1, Jul 70, pp 231-234.
CB

Aug 71

Influence of Phosphorus Nutrition on the
Energy Effectiveness of the Respiration of
Plants Under Conditions of Insufficient and
Excess Moisture, by F. D. Samuilov.
RUSSIAN, per, Dok Ak Nauk SSSR, Bot Sci.
Vol 193, No 1, Jul 70, pp 235-238.
CB

Aug 71

Changes in the Structural Viscosity of
Cytoplasm in Subepidermal Cells of Pea-Plant
Stems During Dehydration, by A. V.
Startseva.
RUSSIAN, per, Dok Ak Nauk SSSR, Bot Sci,
Vol 193, No 1, Jul 70, pp 239-240.
CB

Aug 71

Age and Functional Changes in the Thyroid Gland
of the Eastern Goshawk, by H. I. Baurakov.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol. Sci., Vol 193,
No 1, July 1970, pp 241-244.
CB

March 71

Mechanism of Spontaneous Rhythmic Activity of
the Cerebral Cortex, by A. K. Popov.
RUSSIAN, par, ~~Int. J. Neurosci.~~ Biol. Sci., Vol 193,
No 1, July 1970, pp 245-247.
CB

pp 245-247.

March 71

The Solution of Nonlinear Operator Equations by
Methods of Steepest Descent 1970, by

Ya. I. Al'ber.

RUSSIAN, per. Dokl. Ak. Nauk SSSR, Sov. Math.
Vol 193, No 2, 1970, pp 255-258.

The Am Math Soc

Vol 11, No 4, Jul-Aug 1970

A Problem of Integral Geometry Connected with
a Pair of Riemann Manifolds, by I. M. Gel'fand,
RUSSIAN, Mat. Ak. Nauk SSSR, Sov. Math.
Vol 13, No 2, 1970, pp 233-242.
The Am Math Soc
Vol 11, No 4, Jan-Aug 1970

Jan 71

On Groups with Invariant Subgroups not Completely
Decomposable, by M. M. Gol'dsberg.

RUSSIAN, per. Eng. Ab. Math. Sci. Ser. Math.
Vol 123, No 2, 1970, pp 263-265.

The Am Math Soc

Vol 11, No 4, Jul-Aug 1970

Jan 71

On the Solution of Integral Equations of the
form $\int_a^b K(x,s)\phi(s)ds = a(x)$, by A. V. Gencarskiy.
RUSSIAN; per. Engl. Ab. Math. Sci., Sov Math,
Vol 193, No 2, 1970, pp 264-267.
The Am Math Soc
Vol 11, No 4, Jul-Aug 1970

Jan 71

**Some Theorems on the Strong Law of Large Numbers
and the Law of the Iterated Logarithm, by**

V. A. Yaglom.

RUSSIAN, per. Det. Ak. Nauk SSSR, Sov Math.
Vol 193, No 2, 1970, pp 268-271.

The Am Math Soc

Vol 11, No 4, Jul-Aug 1970

Jan 71

On Completeness of a System of Analytic
Functions, by I. I. Ibragimov.
~~RUSSIAN~~, per, ~~Eng. Ab. Math. USSR~~, Sov Math,
Vol 13, No 2, 1970, pp 272-273.
The Am Math Soc
Vol 11, No 4, Jul-Aug 1970

Jan 71

Conditions for Uniform Boundedness of
Fourier Series in Arbitrary Fundamental Systems
of Functions of the Laplace Operator, Definitive
for Classes of Sobolev, Nikol'skiy, Besov,
Lionsville and Zygmund-Holder, by
V. A. Il'in.

RUSSIAN, per: Dokl. Ak. Nauk SSSR, Sov Math.
Vol 193, No 2, 1970, pp 276-279.
The Am Math Soc
Vol 111, No 4, Jul-Aug 1970

Jan 71

On Second Solutions of Boundary Value Problems,
by V. S. Klimov.

RUSSIAN, FOR: Dokl. Ak. Nauk SSSR, Ser. Math.
Vol 193, No 3, 1970, pp 280-283.

The Am Math Soc

Vol 11, No 4, Jul-Aug 1970

Jan 71

Differential Approach Game, by N. N. Krasovskiy.
6 pp.
RUSSIAN, per. ~~Doklady Akademi~~ ~~Bank~~ ~~SSSR~~. Moscow,
Vol 153, No 2, 1970, pp 234-237.
JPRS 51364

Sci-Math, Sci and Data Proc
Oct 70

On a Differential Game of Rendezvous, by
N. N. Krasovskiy.
RUSSIAN, per. ~~Engl. Az. Eng. 2221~~, Sov Math,
Vol 193, No 2, 1970, pp 284-287.
The Am Math Soc
Vol 11, No 4, Jul-Aug 1970

Jan 71

On the Uniqueness of Determination of the Form
and Density of a Body in Inverse Problems of
Potential Theory, by A. I. Prilepko.

~~RUSSIAN~~, per, ~~Doc. Ak. Nauk SSSR~~, ~~Sov. Math.~~,
Vol 193, No 2, 1970, pp 288-291.

The Am Math Soc

Vol 11, No 4, Jul-Aug 1970

Jan 71

Application of the Method of the Contour Integral
to the Solution of Multidimensional Mixed
Problems for Second-Order Parabolic Systems, by
M. L. Krasnov.

~~RUSSIAN~~, part, ~~Doc. No. 822~~, Sov Math,

Vol 193, No 2, 1970, pp 292-293.

The Am Math Soc

Vol 11, No 4, Jul-Aug 1970

Differential Games with Restrictions on the Phase
States, by A. I. Rubintin, 6 pp.
RUSSIAN, per. ~~English Abstract~~ ~~Eng~~ USSR. Moscow,
Vol 193, No 2, 1970, pp 294-297.
JPRS 51364

Sci-Mat Sci and Data Processing
Oct 70

Differential Games with Constraints on Phase
States, by A. I. Subbotin.

RUSSIAN, per, Dokl Ak Nauk SSSR, Sov Math,
Vol 193, No 2, 1970, pp 294-297.

The Am Math Soc

Vol 11, No 4, Jul-Aug 1970

Jan 71

Moduli and Measurability of Surfaces, by
A. V. Syrov.
RUSSIAN, per, Dokl Akh Nauk SSSR, Sov Math,
Vol 193, No 2, 1970, pp 298-300.
The Am Math Soc
Vol 11, No 4, Jul-Aug 1970

Jan 71

Estimates in $H(s)$ Norms and Hypocoellipticity, by
V. S. Pody.

RUSSIAN, per, Dokl Ak Nauk SSSR, Sov Math,
Vol 193, No 2, 1970, pp 301-303.

The Am Math Soc
Vol 11, No 4, Jul-Aug 1970

Jan 71

On the Behavior of Solutions of Elliptic
Equations Near the Boundary of a Domain of
Type $A^{(1)}$, by E. M. Nirenberg.

RUSSIAN, per, Mat. Ak. Nauk SSSR, Sov. Math.,
Vol 193, No 2, 1970, pp 304-305.

The Am Math Soc

Vol 11, No 4, Jul-Aug 1970

Jan 71

On the Stability of a Cylindrical Orthotropic Shell
under a Longitudinal Bypass, by A.S.Vol'mir.
~~RUSSIAN~~, per, ~~Eng. Ab. Eng. 2222~~, Sov Phys., Vol 193,
No 2, July 1970, pp. 336-338.
Am Inst of Phys
Vol 15, No 7, Jan 1971

Jan 71

The Milne Problem for Polarized Radiation with Rayleigh
Scattering, M.S. Thesis.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Phys., Vol 193

No 2, July 1970, pp. 509-512.

An Inst of Phys

Vol 15, No 7, Jan 1971

Jan 71

Quantum Theory of Nonstationary Conductivity of
Polarons in Semiconducting Systems, by M.I.Klinger.
RUSSIAN, per, Dokl Akad Nauk SSSR, Sov Phys., Vol 193,
No 2, July 1970, pp. 313-316.
An Inst of Phys
Vol 15, No 7, Jan 1971

**Nonlinear Interaction of Resonating Oscillators, by
L.S.Kharin.**

**RUSSIAN, per, Dok Ak Nauk SSSR, Sov Phys, Vol 193, No 2,
July 1970, pp. 317-319.**

**An Institute of Phys
Vol 15, No 7, Jan 1971**

Jan 71

Anti-frictional Friction: A New Characteristic of
Frictional Junctions, by E.V. Kragelskii.
Soviet Phys., per Dokl. Ak. Nauk SSSR, Ser. Phys., Vol 193,
No 2, July 1970, pp. 380-382.
An Inst of Phys
Vol 15, No 7, Jan 1971.

Jan 71

The Set of Features Indicating a Crustal
Waveguide in the Garm Region of Soviet
Central Asia, by I. L. Nersisov,
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci.
Vol 193, No 2, 1970, pp 325-326.
AGI

Aug 71